

ABSTRACT OF DISCLOSURE

Disclosed is light-curing dental adhesive compositions i) based on the multifunctional prepolymer mixture of 2,2-bis-(4-(2-hydroxy-3-methacryloyloxypropoxy)phenyl)propane ("Bis-GMA") and multifunctional prepolymer formed by substituting hydrogen atoms in hydroxyl group with methacrylate groups in the Bis-GMA molecules; and ii) comprising an adhesive monomer having both a hydrophobicity and hydrophilicity, a hydrophilic monomer, a photoinitiation system and a diluent.